

National Environmental Public Health Tracking

Scientific Publications, Peer-Reviewed

Jan 2012 to April 2017

2017

Zhou Y, Gilboa SM, Herdt ML, et al. **Maternal exposure to ozone and PM_{2.5} and the prevalence of orofacial clefts in four U.S. states.** Environmental Research. 2017; 153:35-40.

Weiss D, Yendell SJ, Baertlein LA, Christensen KY, Tomasallo CD, Creswell PD, Camponeschi JL, Meiman JG, Anderson HA. **Notes from the field: Occupational Lead Exposures at a Shipyard — Douglas County, Wisconsin, 2016.** MMWR. Morbidity and Mortality Weekly Report. 2017; 66(1):34.

Zipper SC, Schatz J, Kucharik CJ, Loheide SP II. **Urban heat island impacts on growing season evapotranspirative demand (2017).** Geophysical Research Letters. 2017; 44(2):873-881.

Fisher JA, Jiang C, Soneja SI, Mitchell C, Puett RC, Sapkota A. **Summertime extreme heat events and increased risk of acute myocardial infarction hospitalizations.** Journal of Exposure Science and Environmental Epidemiology. 2017.

Liu A, Soneja SI, Jiang C, Huang C, Kerns T, Beck K, Mitchell C, Sapkota A. **Frequency of extreme weather events and increased risk of motor vehicle collision in Maryland.** Science of the Total Environment. 2017; 580:550-555.

Houghton A, Austin J, Beerman A, Horton C. **An Approach to Developing Local Climate Change Environmental Public Health Indicators in a Rural District.** Journal of Environmental and Public Health. 2017; 2017.

Delgado CF, Ullery MA, Jordan M, Duclos C, Rajagopalan S, Scott K. **Lead Exposure and Developmental Disabilities in Preschool-Aged Children.** Journal of Public Health Management and Practice. 2017.

Namulanda G, Taylor E, Maisonet M, Barr DB, Flanders WD, Olson D, Qualters JR, Vena J, Northstone K and Naeher L. **In utero exposure to atrazine analytes and early menarche in the Avon Longitudinal Study of Parents and Children.** Environmental Research 2017; 156: 420-425.

2016

Fechter-Leggett ED, Vaidyanathan A, Choudhary, E. **Heat Stress Illness Emergency Department Visits in National Environmental Public Health Tracking States, 2005–2010.** Journal of Community Health. 2016; 41(1):57-69.

Kingsley SL, Eliot MN, Gold J, Vanderslice RR, Wellenius, GA. **Current and projected heat-related morbidity and mortality in Rhode Island.** Environmental Health Perspectives. 2016; 124(4):460-467.

Christenson M, Geiger SD, Phillips J, Anderson B, Losurdo G, Anderson HA. **Heat Vulnerability Index Mapping for Milwaukee and Wisconsin.** Journal of Public Health Management and Practice. 2016.

Booth, EG, J Qiu, SR Carpenter, J Schatz, X Chen, CJ Kucharik, SP Loheide II, MM Motew, JM Seifert, MG Turner. **From qualitative to quantitative environmental scenarios: Translating storylines into biophysical modeling inputs at the watershed scale.** Environmental Modelling & Software. 2016; 85:80-97.

Brink LA, Talbott EO, Marsh GM, Sharma R, Benson S, Wu WC, Duan C. **Revisiting Nonresidential Environmental Exposures and Childhood Lead Poisoning in the US: Findings from Kansas, 2000–2005.** Journal of Environmental and Public Health. 2016; 2016.

English PB, Richardson MJ. **Components of Population Vulnerability and Their Relationship With Climate-Sensitive Health Threats.** Current Environmental Health Reports. 2016; 3(1):91–98.

Latshaw MW, Degeberg R, Patel SS, Rhodes B, King E, Chaudhuri S, Nassif J. **Advancing environmental health surveillance in the US through a national human biomonitoring network.** International Journal of Hygiene and Environmental Health. 2016.

Byers N, Ritchey M, Vaidyanathan A, Brandt AJ, Yip F. **Short-term effects of ambient air pollutants on asthma-related emergency department visits in Indianapolis, Indiana, 2007-2011.** Journal of Asthma. 2016; 53(3):245-252.

Hao Y, Strosnider H, Balluz L, Qualters JR. **Geographic Variation in the Association between Ambient Fine Particulate Matter (PM_{2.5}) and Term Low Birth Weight in the United States.** Environmental Health Perspectives. 2016; 124(2):250-255.

Li C, Balluz LS, Vaidyanathan A, Wen XJ, Hao Y, Qualters JR. **Long-Term Exposure to Ozone and Life Expectancy in the United States, 2002 to 2008.** Medicine (United States). 2016; 95(7):e2474.

Mirabelli MC, Vaidyanathan A, Flanders WD, Qin X, Garbe P. **Outdoor PM_{2.5}, Ambient Air Temperature, and Asthma Symptoms in the Past 14 Days among Adults with Active Asthma.** Environmental Health Perspectives. 2016; 124(12):1882-1890.

Namulanda G, Maisonet M, Taylor E, Flanders WD, Olson D, Sjodin A, Qualters JR, Vena J, Northstone K, Naeher L. **In utero exposure to organochlorine pesticides and early menarche in**

the Avon Longitudinal Study of Parents and Children. Environment International. 2016; 94:467-472.

Namulanda G, Monti MM, Mulay P, Higgins S, Lackovic M, Schwartz A, Prado JB, Waltz JB, Mitchell Y, Calvert GM. **Acute Nonoccupational Pesticide-Related Illness and Injury - United States, 2007-2011.** MMWR Morbidity and Mortality Weekly Report. 2016; 63(55):5-10.

Shin M, Sincar K. **Tracking Carbon Monoxide Poisoning to Better Understand How People Are Poisoned.** Journal of Environmental Health. 2016; 79(1):26.

Vaidyanathan A, Kegler SR, Saha SS, Mulholland JA. **A statistical framework to evaluate extreme weather definitions from a health perspective: A demonstration based on extreme heat events.** Bulletin of the American Meteorological Society. 2016; 97(10):1817-1830.

Tanner JP, Salemi JL, Stuart AL, Yu H, Jordan MM, DuClos C, Cavicchia P, Correia JA, Watkins, SM, Kirby RS. **Uncertainty in exposures to ambient PM_{2.5} and benzene during pregnancy: sensitivity to exposure estimation decisions.** Spatial and Spatio-temporal Epidemiology. 2016; 17:117-129.

Roberts EM and English PB. **Analysis of multiple-variable missing-not-at-random survey data for child lead surveillance using NHANES.** Statistics in Medicine. 2016; 35(29):5417-5429.

Smith AE, Lincoln RA, Paulu C, Simones TL, Caldwell KL, Jones RL, Backer LC. **Assessing arsenic exposure in households using bottled water or point-of-use treatment systems to mitigate well water contamination.** Science of the Total Environment. 2016; 544:701-710.

Charleston AE, Sullivan R. **Exploring Environmental Health Gaps in Native American Populations.** Journal of Environmental Health. 2016; 78(9):30-31.

Burkel V. **Environmental Health Tracking Rides the Open Data Wave.** Journal of Environmental Health. 2016; 78(7):36-38.

Losch J. **Sharing Is Caring: Nurturing the Tracking Network Through Multilevel Partnerships** Journal of Environmental Health. 2016; 79(3):42-44.

Saunders PJ, Middleton JD, Rudge G. **Environmental Public Health Tracking: a cost-effective system for characterizing the sources, distribution and public health impacts of environmental hazards.** Journal Public Health (Oxf). 2016.

Yip, F. **The Future of Environmental Public Health Tracking: 2020 and Beyond.** Journal of Environmental Health. 2016; 79(5):34-36.

2015

Wong M, Wolff C, Collins N, Guo L, Meltzer D, English P. **Development of a Web-based tool to collect and display water system customer service areas for public health action.** Journal of Public Health Management and Practice. 2015; 21:S44-S49.

Jordan M, Duclos C, Kintziger K, Gray A, Bonometti MA. **Using an environmental public health tracking biomonitoring study to validate safe water restoration efforts in Florida.** Journal of Public Health Management and Practice. 2015; 21:S75-S79.

Wellenius GA, Elliot MN, Bush KF, Holt D, Lincoln RA, Smith AE, Gold J. **Heat-Related Morbidity and Mortality in New England: Evidence for Local Policy.** Environmental Health Perspectives. 2015; 124(4):460-467.

Kearney GD, Namulanda G, Qualters JR, Talbott EO. **A decade of environmental public health tracking (2002-2012): Progress and challenges.** Journal of Public Health Management and Practice. 2015; 21(2):S23-S35.

Wall P, Kassinger C. **Multiple measures on the environmental public health tracking network.** Journal of Public Health Management and Practice. 2015; 21:S36-S43.

Creswell PD, Meiman JG, Nehls-Lowe H, Vogt C, Wozniak RJ, Werner MA, Anderson H. **Exposure to Elevated Carbon Monoxide Levels at an Indoor Ice Arena — Wisconsin, 2014.** Morbidity and Mortality Weekly Report. 2015; 64(45):1267-1270.

Wall P. **Striving to Achieve the Mission of CDC's National Environmental Public Health Tracking Program.** 2015; 78(3):34-36.

Berney D, Camponeschi J, Coons M, Creswell PD, Schirmer J, Walsh R. **Using environmental public health tracking to identify community targets for public health actions in childhood lead poisoning in Wisconsin.** Journal of Public Health Management and Practice. 2015; 21:S80-S84.

Jiang C, Shaw KS, Upperman CR, Blythe D, Mitchell C, Murtugudde R, Sapkota AR, Sapkota A. **Climate change, extreme events and increased risk of salmonellosis in Maryland, USA: Evidence for coastal vulnerability.** Environment International. 2015; 83:58-62.

Braggio JT, Mitchell CS, Fierro-Luperini S. **Maryland environmental public health tracking outreach with Spanish-speaking persons living in Baltimore city or county.** Journal of Public Health Management Practice. 2015; 21:S62-S67.

Trevino-Garrison I, DeMent J, Ahmed FS, Haines-Lieber P, Langer T, Ménager H, Neff J, van der Merwe D, and Carney E. **Human Illnesses and Animal Deaths Associated with Freshwater Harmful Algal Blooms—Kansas.** Toxins (Basel). 2015; 7(2):353-366.

Valle J, Roberts E, Paulukonis S, Collins N, English P, Kaye W. **Epidemiology and surveillance of amyotrophic lateral sclerosis in two large metropolitan areas in California.** Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration. 2015; 16(3-4):209-215.

Paulukonis ST, Roberts EM, Valle JP, Collins NN, English PB, Kaye WE, Xia XG. **Survival and cause of death among a cohort of confirmed amyotrophic lateral sclerosis cases.** PLoS ONE. 2015; 10(7).

Feinman SJ, Ryan PB, Toth B, Honey WA, Gargano JW. **Primary Drinking Water Source and Acute Gastrointestinal Illness - New Mexico, 2007.** Water Quality, Exposure and Health. 2015; 7(3):285-294.

Hao Y, Balluz LS, Strosnider H, Wen XJ, Li C, Qualters JR. **Ozone, Fine Particulate Matter, and Chronic Lower Respiratory Disease Mortality in the United States.** American Journal of Respiratory Critical Care Medicine. 2015; 192(3):337-341.

Namulanda G. **Biomonitoring and environmental public health tracking.** Journal of Environmental Health. 2015; 77(9):36-38.

Qualters JR, Strosnider H, R. Bell. **Data to Action: using environmental public health tracking to inform decision making.** Journal of Public Health Management Practice. 2015; 2: S12-S22.

Saha S, Brock JW, Vaidyanathan A, Easterling DR, Lubet G. **Spatial variation in hyperthermia emergency department visits among those with employer-based insurance in the United States - a case-crossover analysis.** Environmental Health. 2015; 14:20.

Sircar KC, Shin MK, Bailey C, King M, Yip F. **Carbon monoxide poisoning deaths in the United States, 1999 to 2012.** American Journal of Emergency Medicine. 2015; 33(9):1140-1145.

Stehling-Ariza T, Fisher E, 3 S, Fechter-Leggett E, Prudent N, Dott M, Daley R, Avchen RN. **Monitoring of Persons with Risk for Exposure to Ebola Virus Disease - United States, November 3, 2014-March 8, 2015.** MMWR. Morbidity and Mortality Weekly Report. 2015; 64(25):685-689.

Strosnider, H. **Striving to Achieve the Mission of CDC's National Environmental Public Health Tracking Program.** Journal of Environmental Health. 2015; 78(5):44-45.

Zhou Y, Li C, Huijbregts MA, Mumtaz MM. **Carcinogenic Air Toxics Exposure and Their Cancer-Related Health Impacts in the United States.** PLoS One. 2015; 10(10).

Tanner JP, Salemi JL, Stuart AL, Yu H, Jordan MM, DuClos C, Cavicchia P, Correia JA, Watkins, SM, Kirby RS. **Associations between exposure to ambient benzene and PM2.5 during pregnancy and the risk of selected birth defects in offspring.** Environmental Research. 2015; 142:345-353.

Crawford S, Fussman C, Bailey M, Bernson D, Jamieson DJ, Murray-Jordan M, Kissin DM. **Estimates of Lifetime Infertility from Three States: The Behavioral Risk Factor Surveillance System.** Journal of Women's Health. 2015; 24(7):578-586.

Jordan M, Duclos C, Folsom J, Thomas R. **Developing a Smartphone Interface for the Florida Environmental Public Health Tracking Web Portal.** Journal of Public Health Management and Practice. 2015; 21:S50-S54.

Jordan M, Duclos C, Kintziger K, Gray A, Bonometti MA. **Using an environmental public health tracking biomonitoring study to validate safe water restoration efforts in Florida.** Journal of Public Health Management and Practice. 2015; 21:S75-S79.

Leary E, Young LJ, DuClos C, Jordan MM. **Identifying heat waves in Florida: Considerations of missing weather data.** PLoS ONE. 2015; 10(11).

Eatman S. **A Millennial's Take on CDC's Environmental Public Health Tracking Network.** Journal of Environmental Health. 2015; 78(1):40-43.

Katner A, Lackovic M, Streva K, Paul V, Trachtman WC. **Evaluation of available data sources to prioritize parishes for arsenic monitoring and outreach related to private well drinking water.** Journal of Public Health Management and Practice. 2015; 21:S93-S101.

Burt P, DeWitt S. **Environmental Information for Everyone.** Journal of Environmental Health. 2015; 77(7):38-39.

Eatman S. **A Millennial's Take on CDC's Environmental Public Health Tracking Network.** Journal of Environmental Health. 2015; 78(1).

Charleston AE, Wilson HR; Edwards PO, David F, Dewitt S. **Environmental Public Health Tracking: Driving Environmental Health Information.** Journal of Public Health Management & Practice. 2015; 21():S4-S11.

Brown JM, Harris G, Pantea C, Hwang S-A, Talbot T. **Linking Air Pollution Data and Adverse Birth Outcomes: Environmental Public Health Tracking in New York State.** Journal of Public Health Management & Practice. 2015; 21():S68-S74.

2014

Choudhary E, Vaidyanathan A. **Heat stress illness hospitalizations - Environmental Public Health Tracking Program, 20 states, 2001-2010.** MMWR Surveillance Summaries. 2014; 63(1):1-10.

Yang W, Carmichael SL, Roberts EM, Kegley SE, Padula AM, English PB, Shaw GM. **Residential agricultural pesticide exposures and risk of neural tube defects and orofacial clefts among offspring in the San Joaquin Valley of California.** American Journal of Epidemiology. 2014; 179(6):740-748.

Shaw GM, Yang W, Roberts E, Kegley SE, Padula A, English PB, Carmichael SL. **Early pregnancy agricultural pesticide exposures and risk of gastroschisis among offspring in the San Joaquin Valley of California.** Birth Defects Research Part A - Clinical and Molecular Teratology. 2014; 100(9):686-694.

Strosnider H, Zhou Y, Balluz L, Qualters, J. **Engaging academia to advance the science and practice of environmental public health tracking.** Environmental Research. 2014; 134:474-481.

Fechter-Leggett E. **Disease detective applies skills to surveillance evaluation.** Journal of Environmental Health. 2014; 77(5):38-41.

Pillai SK, Noe RS, Murphy MW, Vaidyanathan A, Young R, Kieszak S, Freymann G, Smith W, Drenzek C, Lewis L, Wolkin AF. **Heat illness: predictors of hospital admissions among emergency department visits-Georgia, 2002-2008.** Journal of Community Health. 2014; 39(1):90-98.

Nair A, Jordan M, Watkins S, Washam R, DuClos C, Jones S, Palcic J, Pawlowicz M, and Blackmore C. **Fish Consumption and Hair Mercury Levels in Women of Childbearing Age, Martin County, Florida.** Maternal and Child Health Journal. 2014; 18(10):2352-2361.

Outin, Y. **CDC's National Environmental Public Health Tracking Network Adds Pesticide Exposure and Prospective Climate Data.** Journal of Environmental Health. 2014; 77(3):35.

Zhou Y, Jerrett M. **Linking exposure and health in environmental public health tracking.** Environmental Research. 2014; 134:453.

Dunlop TS, Porter D, Washam R, Li J, Ho J, Johnson R. **Local perspectives on the environmental public health tracking program.** Journal of Public Health Management and Practice. 2014; 20(3):358-360.

Moore JM. **CDC's national environmental public health tracking network classroom modules.** Journal of Environmental Health. 2014; 76(9):38-39.

Talbott EO, Rager JR, Benson S, Ann Brink L, Bilonick RA, Wu C. **A case-crossover analysis of the impact of PM_{2.5} on cardiovascular disease hospitalizations for selected CDC tracking states.** Environmental Research. 2014; 134:455-465.

Eggers, C. **At Your Fingertips...** Journal of Environmental Health. 2014; 77(1):34-36

Balluz, LS. **CDC's Environmental Public Health Tracking Network: An Innovative Dynamic Surveillance System for You.** Journal of Environmental Health. 2014; 76(7):48-50

Almberga KS, Turyka M, Jones RM, Anderson R, Graber J, Banda E, Waller L, Gibson R, Staynera LT. **A study of adverse birth outcomes and agricultural land use practices in Missouri.** Environmental Research. 2014. 134:420-426.

Ortega Hinojosaa AM, Davies MM, Jarjour S, Burnett RT, Manna JK, Hughes E, Balmes JR, Turner MC, Jerretta M. **Developing small-area predictions for smoking and obesity prevalence in the United States for use in Environmental Public Health Tracking.** Environmental Research. 2014. 134:435-452.

Harris G, Thompson WD, Fitzgerald E, Wartenberg D. **The association of PM_{2.5} with full term low birth weight at different spatial scales.** Environmental Research. 2014. 134:427-434.

Jones RM, Stayner LT, Demirtas. **Multiple imputation for assessment of exposures to drinking water contaminants: Evaluation with the Atrazine Monitoring Program.** Environmental Research. 2014. 134; 466-473.

Shin HH, Cakmak S, Brion O, Villeneuve P, Turner MC, Goldberg MS, Jerrett M, Chen H, Crouse D, Peters P, Pope III CA, Burnett RT. **Indirect adjustment for multiple missing variables applicable to environmental epidemiology.** Environmental Research. 2014. 134:482-487.

2013

Knobeloch L, Gorski P, Christenson M, Anderson H. **Private drinking water quality in rural Wisconsin.** Journal of Environmental Health. 2013; 75(7):16-20.

Moraga-McHaley S, Landen M, Krapfl H, Sewell C. **Hypersensitivity pneumonitis with Mycobacterium avium complex among spa workers.** International Journal of Environmental and Occupational Health. 2013; 19(1):55-61.

Roberts EM, English PB. **Bayesian modeling of time-dependent vulnerability to environmental hazards: an example using autism and pesticide data.** Statistics in Medicine. 2013; 32(13):2308-2319.

Carmichael SL, Yang W, Roberts EM, Kegley SE, Wolff C, Guo L, Lammer EJ, English P, Shaw GM. **Hypospadias and residential proximity to pesticide applications**. *Pediatrics*. 2013; 132(5):e1216-e1226.

Vaidyanathan A, Dimmick WF, Kegler SR, Qualters JR. **Statistical air quality predictions for public health surveillance: Evaluation and generation of county level metrics of PM2.5 for the environmental public health tracking network**. *International Journal of Health Geographics*. 2013; 12:12.

Talbott EO, Rager JR, Brink LAL, Benson SM, Bilonick RA, Wu WC, Han Y-Y, **Trends in Acute Myocardial Infarction Hospitalization Rates for US States in the CDC Tracking Network**. *PLoS ONE*, 2013; 8(5).

Brink LL, Talbott EO, Sharma RK, Marsh GM, Wu WC, Rager JR, Strosnider HM. **Do US ambient air lead levels have a significant impact on childhood blood lead levels: results of a national study**. *Journal of Environmental Public Health*. 2013; 2013.

Olayinka O, Fechter-Leggett E, Ghosh T, Herlihy R, Van Dyke M, Kuhn S, Burrer S, Halliday M, Spelke B, Bayleyegn T, Wolkin A, Lewis L. **Notes from the Field: Severe Illness Associated with Reported Use of Synthetic Marijuana — Colorado, August–September 2013**. *MMWR Morbidity and Mortality Weekly Report*. 2013; 62(49):1016-1017.

Taylor EV, Vaidyanathan A, Wolkin A, Fowler DR, Mitchell CS, Brown A, Pollock T, Bratka LA, Paulson J, Noller AC, Mauskopf R, Oscanyan K, Radcliffe R. **Heat-related deaths after an extreme heat event — four states, 2012 and United States, 1999–2009**. *MMWR Morbidity and Mortality Weekly Report*. 2013; 62(22):433–436.

Vaidyanathan A, Dimmick WF, Kegler SR, Qualters JR. **Statistical air quality predictions for public health surveillance: evaluation and generation of county level metrics of PM2.5 for the environmental public health tracking network**. *International Journal of Health Geographics*. 2013; 12:12.

2012

Christenson ML, Geiger SD, Anderson HA. **Heat-related fatalities in Wisconsin during the summer of 2012**. *Wisconsin Medical Journal*. 2012; 112(5):219-223.

Hao Y, Flowers H, Monti MM, Qualters J. **U.S. census unit population exposures to ambient air pollutants**. *International Journal of Health Geographics*. 2012; 11(3).

Kumar S, Liu M, Hwang S. **Multifaceted Comparison of ArcGIS and MapMarker for Automated geocoding**. *Geospatial Health*. 2012; 7(1):145-151.

Lin S, Hsu W, van Zutphen AR, Saha S, Lubert G, Hwang S-A. **Excessive Heat and Respiratory Hospitalizations in New York State: Estimating Current and Future Public Health Burden Related to Climate Change.** Environmental Health Perspectives. 2012; 120(1):1571-1577.

Reid CE, Mann JK, Alfasso R, et al. **Evaluation of a heat vulnerability index on abnormally hot days: an environmental public health tracking study.** Environmental Health Perspectives. 2012; 120(5):715-720.

Van Zutphen AR, Lin S, Fletcher BA, Hwang S-A. **Population-Based Case-Control Study of Extreme Summer Temperature and Birth Defects.** Environmental Health Perspectives. 2012; 120(10):1443-1449.

Hendrick S. **Tracking networks: linking health and the environment.** NCSL legisbrief. 2012; 20(4):1-2.

Houghton A, Prudent N, Scott III JE, Wade R, Lubert G. **Climate change-related vulnerabilities and local environmental public health tracking through GEMSS: A web-based visualization tool.** Applied Geography. 2012. 33:36-44.